

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Group Art Unit:

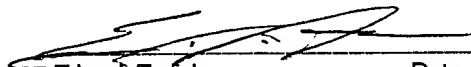
Examiner:

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to:

Assistant Commissioner for Patents
 Washington, D.C. 20231

Date of Deposit: April 22, 1997

 4/22/97
 Erica J. Frolich Date

Serial No.: 08/771,737

Filed: DECEMBER 20, 1996

Title: VARIANT HUMAN $\alpha 7$
 ACETYLCHOLINE RECEPTOR
 SUBUNIT, AND METHODS OF
 PRODUCTION AND USES
 THEREOF

Case No.: 6017.US.01

DECLARATION AND POWER OF ATTORNEY FOR A UNITED STATES PATENT APPLICATION

Assistant Commissioner for Patents

Box Missing Parts

Washington, D.C. 20231

As a below-named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe that I am an original and first and joint inventor of the subject matter of the invention entitled VARIANT HUMAN $\alpha 7$ ACETYLCHOLINE RECEPTOR SUBUNIT, METHOD OF PRODUCTION AND USES THEREOF, which is claimed and for which a patent is sought in the patent application attached hereto.

I hereby state that I have reviewed and understand the contents of the above-mentioned specification, including the claims.

I acknowledge a duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Claim to benefit of foreign application(s):

I hereby claim foreign priority benefits under 35 U.S.C. §119 for the following foreign application(s) for patent or inventor's certificate:

NONE

The following foreign applications for patent or inventor's certificate have a filing date earlier than the filing date of the application(s) identified above:

FOR 60 " 9264560

NONE

Claim to benefit of earlier U.S. application(s):

I hereby claim the benefit under 35 U.S.C. §120 of the following earlier-filed United States patent application(s):

NONE

Insofar as the subject matter of each of the claims of this/these application(s) is not disclosed in the prior U.S. applications in the manner required by 35 U.S.C. §112, first paragraph, I acknowledge a duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. which came into existence between the filing date(s) of the prior applications and the national or PCT filing date of this application.

I hereby appoint the following Attorneys and/or agents to prosecute this application and any continuation or divisional applications based hereon, and to transact all business in the Patent and Trademark Office connected therewith:

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Variable	Mean		Standard deviation		Minimum		Maximum	
	Male	Female	Male	Female	Male	Female	Male	Female
Age	30.5	30.5	5.5	5.5	18	18	45	45
Height	175.5	165.5	10.5	10.5	155	155	195	195
Weight	75.5	65.5	15.5	15.5	55	55	115	115
Body mass index	24.5	24.5	4.5	4.5	18	18	32	32
Heart rate	75.5	75.5	10.5	10.5	60	60	100	100
Stroke volume	125.5	125.5	25.5	25.5	75	75	175	175
Cardiac output	5.5	5.5	1.5	1.5	3.5	3.5	7.5	7.5
Mean arterial pressure	95.5	95.5	15.5	15.5	75	75	115	115
Systemic vascular resistance	15.5	15.5	3.5	3.5	10	10	25	25
Pulmonary vascular resistance	1.5	1.5	0.5	0.5	1	1	2.5	2.5
Right atrial pressure	10.5	10.5	5.5	5.5	5	5	15	15
Right ventricular pressure	25.5	25.5	10.5	10.5	15	15	35	35
Left atrial pressure	15.5	15.5	5.5	5.5	10	10	25	25
Left ventricular pressure	125.5	125.5	25.5	25.5	75	75	175	175
Mean pulmonary artery pressure	15.5	15.5	3.5	3.5	10	10	25	25
Wedge pressure	15.5	15.5	3.5	3.5	10	10	25	25
Central venous pressure	10.5	10.5	5.5	5.5	5	5	15	15
Right ventricular stroke volume	125.5	125.5	25.5	25.5	75	75	175	175
Left ventricular stroke volume	125.5	125.5	25.5	25.5	75	75	175	175
Stroke volume index	1.25	1.25	0.25	0.25	0.75	0.75	1.75	1.75
Cardiac output index	5.5	5.5	1.5	1.5	3.5	3.5	7.5	7.5
Mean arterial pressure index	95.5	95.5	15.5	15.5	75	75	115	115
Systemic vascular resistance index	15.5	15.5	3.5	3.5	10	10	25	25
Pulmonary vascular resistance index	1.5	1.5	0.5	0.5	1	1	2.5	2.5
Right atrial pressure index	10.5	10.5	5.5	5.5	5	5	15	15
Right ventricular pressure index	25.5	25.5	10.5	10.5	15	15	35	35
Left atrial pressure index	15.5	15.5	5.5	5.5	10	10	25	25
Left ventricular pressure index	125.5	125.5	25.5	25.5	75	75	175	175
Mean pulmonary artery pressure index	15.5	15.5	3.5	3.5	10	10	25	25
Wedge pressure index	15.5	15.5	3.5	3.5	10	10	25	25
Central venous pressure index	10.5	10.5	5.5	5.5	5	5	15	15
Right ventricular stroke volume index	125.5	125.5	25.5	25.5	75	75	175	175
Left ventricular stroke volume index	125.5	125.5	25.5	25.5	75	75	175	175
Stroke volume index	1.25	1.25	0.25	0.25	0.75	0.75	1.75	1.75
Cardiac output index	5.5	5.5	1.5	1.5	3.5	3.5	7.5	7.5
Mean arterial pressure index	95.5	95.5	15.5	15.5	75	75	115	115
Systemic vascular resistance index	15.5	15.5	3.5	3.5	10	10	25	25
Pulmonary vascular resistance index	1.5	1.5	0.5	0.5	1	1	2.5	2.5
Right atrial pressure index	10.5	10.5	5.5	5.5	5	5	15	15
Right ventricular pressure index	25.5	25.5	10.5	10.5	15	15	35	35
Left atrial pressure index	15.5	15.5	5.5	5.5	10	10	25	25
Left ventricular pressure index	125.5	125.5	25.5	25.5	75	75	175	175
Mean pulmonary artery pressure index	15.5	15.5	3.5	3.5	10	10	25	25
Wedge pressure index	15.5	15.5	3.5	3.5	10	10	25	25
Central venous pressure index	10.5	10.5	5					

JEAN-MARC ROCH 4/17/92
JEAN-MARC ROCH Date

J. Sullivan 4/17/97
JAMES P. SULLIVAN Date


EDWARD TOUMA
Date 7/8/97

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